

SEQUENCE LISTING

<110> Shubata, Kenji
 Yamnasaki, Motoo
 Yoshida, Tetsuo
 Mizukami, Tamio
 <120> E2F Activity-Inhibiting Compound
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 <140> US 09/269,576
 <141> 1999-03-30
 <150> PCT/JP97/03442
 <151> 1997-09-26
 <150> JP 259432/1996
 <151> 1996-09-30
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 1 5 10 15
 Asp Ile Thr Asn Val Leu Glu Gly Ile Gln Leu Ile Xaa
 20 25

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 1 5 10 15

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 Xaa Glu Ser Ala Tyr Asp Gln Lys Asn Ile Arg Arg Arg Val Tyr Asp
 1 5 10 15
 Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Xaa
 20 25

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 Xaa Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala Xaa
 1 5 10 15

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 Xaa Arg Gly Arg Gly Arg His Pro Gly Lys Gly Val Lys Ser Pro Gly
 1 5 10 15
 Glu Arg Ser Arg Tyr Glu Thr Ser Leu Asn Leu Thr Thr Lys Arg Phe
 20 25 30
 Leu Glu Xaa
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 agagagaagc ttaaagcgtc atggccttgg ccggggcc

38

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 <212> DNA
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 <223> Primer for recovery of cDNA
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 ttctgcacct tcagcacctc ggcagc 26

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 accaagcgct tcctggagct gctgag 26

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 ggaaaccctg gtacctccaa gccctg 26

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 ccacg gatcc ccagcactca ctttgcctct cag 33

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 atttaagttt cgcgcccttt ctcaa 25

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 <223> Oligonucleotide for gel-shift experiment

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 ttgagaaagg gcgcgaaact taaat 25

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 ctatacactc ctaaccctaa gtattagaag 30

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 agctacaaca acgcgtcgct ctccgctc 28

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 cggtaccccc gggc 14

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 aaagtcgacg 60

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 cccgccaagc 60

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 Asp Ile Thr Asn Val Leu Glu Gly Ile Gln Leu Ile Xaa
 20 25

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 <223> Xaa at position 1 representing N-lauryl-L-asparagine
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 <223> Xaa at position 28 representing L-serinamide
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 Xaa Glu Ser Ala Tyr Asp Gln Lys Asn Ile Arg Arg Arg Val Tyr Asp
 1 5 10 15
 Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Xaa
 20 25

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 <223> Synthetic
 <400> 22
 Asn Glu Ser Ala Tyr Asp Gln Lys Asn Ile Arg Arg Arg Val Tyr
 1 5 10 15
 Asp Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Ser
 20 25

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 <400> 23
 Ile Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala Met
 1 5 10 15

<210> 24
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 <400> 24
 Asn Glu Ser Ala Tyr Asp Gln Lys Asn Ile Arg Arg Arg Val Tyr
 1 5 10 15
 Asp Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Ser
 20 25

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 <222> 1-9 and 22-29
 <223> any one or all of amino acids 1-9 and 22-29 may be present or absent
 <220>
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 <222> 1, 8, 27 and 28
 <223> Xaa at positions 1, 8, 27 and 28 independently represent Leu or Ile
 <220>
 <221> Modified-site
 <222> 2
 <223> Xaa at position 2 represents Asn or Lys
 <220>
 <221> Modified-site
 <222> 3
 <223> Xaa at position 3 represents Trp, Lys, Leu, Ala or Glu
 <220>
 <221> Modified-site
 <222> 5
 <223> Xaa at position 5 represents Ala or Ser
 <220>
 <221> Modified-site
 <222> 6
 <223> Xaa at position 6 represents Glu, Asp or Asn
 <220>
 <221> Modified-site
 <222> 7
 <223> Xaa at position 7 represents Val, Thr or Arg
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 <221> Modified-site
 <222> 9
 <223> Xaa at position 9 represents Lys, Asp, Ala or His
 <220>
 <221> Modified-site
 <222> 26
 <223> Xaa at position 26 represents Gln, His, Gly, Asp or Asn
 <220>
 <221> Modified-site
 <222> 29
 <223> Xaa at position 29 represents Ala, Arg, Lys or Glu
 <400> 25
 Xaa Xaa Xaa Ala Xaa Xaa Xaa Xaa Xaa Val Gln Lys Arg Arg Ile

1	5	10	15
Tyr	Asn	Ile	Xaa
Asp	Val	Xaa	Xaa
Ile	Leu	Xaa	Xaa
Thr	Glu	Gly	Xaa
	20	25	

<210> 26
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 <220>
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 <222> 1-10 and 26-29
 <223> any one or all of amino acids 1-10 and 26-29 may be present or absent
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 <222> 1
 <223> Xaa at position 1 represents Asn, Thr, Ala or Tyr
 <220>
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 <222> 2
 <223> Xaa at position 2 represents Glu or Asp
 <220>
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 <222> 3
 <223> Xaa at position 3 represents Ser or Asn
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 <221> Modified-site
 <222> 5
 <223> Xaa at position 5 represents Ala or Asn
 <220>
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 <222> 6
 <223> Xaa at position 6 represents Tyr or Cys
 <220>
 <221> Modified-site
 <222> 9
 <223> Xaa at position 9 represents Lys or Glu
 <220>
 <221> Modified-site
 <222> 25
 <223> Xaa at position 25 represents Met or Ile
 <220>
 <221> Modified-site
 <222> 27
 <223> Xaa at position 27 represents Ile or Val
 <400> 26
 Xaa Xaa Xaa Gln Xaa Xaa Asp Gln Xaa Asn Ile Arg Arg Arg Val

1	5	10	15
Tyr	Asn	Ile	Xaa
Asp	Val	Xaa	Xaa
Ala	Leu	Xaa	Xaa
	20	25	

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 <222> 1-25, 27-29, 32, 34, 36, 37, 39 and 40

<223> any one or all of amino acids 1-25, 27-29, 32, 34, 36, 37, 39 and 40 may be present or absent

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<222> 1

<223> Xaa at position 1 represents Ala, Phe or Pro

<220>

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<222> 2

<223> Xaa at position 2 represents Arg, Lys or Gln

<220>

<221> Modified-site

<222> 3, 15 and 21

<223> Xaa at positions 3, 15 and 21 independently represent Gly or Pro

<220>

<221> Modified-site

<222> 4

<223> Xaa at position 4 represents Arg, Lys, Met or Pro

<220>

<221> Modified-site

<222> 5

<223> Xaa at position 5 represents Gly, Cys, Ala or Gln

<220>

<221> Modified-site

<222> 6

<223> Xaa at position 6 represents Ala, Arg or Glu

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<221> Modified-site

<222> 7

<223> Xaa at position 7 represents Ala, Ile or Gln

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<221> Modified-site

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<223> Xaa at position 8 represents Ala, Gly or Arg

<220>

<221> Modified-site

<222> 9

<223> Xaa at position 9 represents Leu, Val or Pro

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<221> Modified-site

<222> 10

<223> Xaa at position 10 represents Asp, Arg or Gln

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<221> Modified-site

<222> 11

<223> Xaa at position 11 represents Gly, Ser, Ala or Pro

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<221> Modified-site

<222> 12

<223> Xaa at position 12 represents Leu or Pro

<220>

<221> Modified-site

<222> 13

<223> Xaa at position 13 represents Asp, His or Pro

<220>

<221> Modified-site

<222> 14

<223> Xaa at position 14 represents Ser or Pro

<220>

<221> Modified-site

<222> 16
 <223> Xaa at position 16 represents Gln or Lys
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 <223> Xaa at position 17 represents Gly, Thr or Leu
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 <222> 18
 <223> Xaa at position 18 represents Gly, Pro or Val
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 <223> Xaa at position 19 represents Gly or Lys
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 <223> Xaa at position 22 represents Gly or Ser
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 <223> Xaa at position 23 represents Gly, Glu or Thr
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 <223> Xaa at position 24 represents Arg, Lys, Ser or Pro
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 <223> Xaa at position 25 represents Ser or Thr
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 <223> Xaa at position 27 represents His or Tyr
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 <223> Xaa at positions 29 and 36 independently represent Lys or Thr
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 <223> Xaa at position 32 represents Gly or Asn
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 <223> Xaa at position 34 represents Leu or Thr
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 <223> Xaa at position 37 represents Arg or Lys
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<222> 39
 <223> Xaa at position 39 represents Ile, Leu or Val
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 <221> Modified-site
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 <223> Xaa at position 40 represents Glu, Gln, Ser or Tyr

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 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Arg Xaa Xaa Xaa Ser
 20 25 30
 Leu Xaa Leu Xaa Thr Xaa Xaa Phe Xaa Xaa Leu
 35 40